

# Elisa Flori | PhD Candidate in Economics

Modena, Italy

✉ elisa.flori@unimore.it

## Education

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**Center for Digital Transformation, TUM School of Management** **Germany**  
*Visiting PhD* *September 2023 - Present*  
Supervisor: Professor Sebastian Müller

**Bertinoro University Residential Centre** **Italy**  
*Postgraduate Course* *July 10 - 15, 2023*  
Course: Panel Data Econometrics: theory and applications

**Department of Economics and Management, University of Trento** **Italy**  
*Guest PhD* *2022 - Present*  
Research Project: "Agent Based Models and Network Analysis to evaluate the impact of Covid pandemic on supply chain networks"  
Supervisor: Professor Sandra Paterlini

**Ca' Foscari Department of Economics, University of Venice** **Italy**  
*Postgraduate Course* *August 29 - September 2, 2022*  
Course: Advanced Bayesian Econometrics: Bayesian Multivariate Models and Forecasting in Economics and Finance

**Marco Biagi Department of Economics, University of Modena and Reggio Emilia** **Italy**  
*Doctoral Research Programme* *2021 - Present*  
Course: Labour, Development and Innovation (Industry 4.0 curriculum)  
Research Project: "Investigating the supply chains configuration and resilience using network analysis"  
Supervisors: Professor Francesco Pattarin and Professor Giovanni Solinas

**Marco Biagi Department of Economics, University of Modena and Reggio Emilia** **Italy**  
*Master Degree, Grade: 110/110* *2018 - 2021*  
Course: Financial Analysis, Consulting and Management

**Marco Biagi Department of Economics, University of Modena and Reggio Emilia** **Italy**  
*Bachelor Degree, Grade: 110/110 cum laude* *2015 - 2018*  
Course: Business Administration

## Teaching Experience

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**Marco Biagi Department of Economics, University of Modena and Reggio Emilia** **Italy**  
*Lecturer in Finance and markets (MSc)* *AY 2022-2023*  
*Lecturer in Economics of financial intermediaries (BSc)* *AY 2022-2023*  
*Teaching Assistant in Financial analysis (MSc)* *AY 2021-2022*  
*Teaching Assistant in Economics of financial intermediaries (BSc)* *AY 2021-2022*  
Address: Viale Berengario 51, 41121 Modena

## Other Academic Activities

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### **Marco Biagi Foundation, University of Modena and Reggio Emilia**

*Organizer of Marco Biagi Conference*

*Organizer of PhD Seminars*

Address: Largo Marco Biagi 10, 41121 Modena

**Italy**

2022 - 2023

2021 - Present

## Partecipation in Research Projects

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- Research project FAR2023. Spatio-temporal dynamics of regional technological knowledge for analysing the transition to electric vehicles using patent and employment data. Principal Investigator: Professor Margherita Russo. Marco Biagi Department of Economics, University of Modena and Reggio Emilia
- Research project FAR2023. New operational and financial models for the development of advanced therapies: towards greater sustainability and reduction of inequalities between patients. Principal Investigator: Professor Stefano Cosma. Marco Biagi Department of Economics, University of Modena and Reggio Emilia
- Research project FAR2022. The financing of research and development of Advanced Therapy Medicinal Products (ATMPs). Role of finance, social pricing and sustainability of entrepreneurship in Biotech startups. Principal Investigator: Professor Francesco Pattarin. Marco Biagi Department of Economics, University of Modena and Reggio Emilia
- PANSIM. Agent Based Models and Network Analysis to evaluate the impact of Covid pandemic on supply-chain networks (2021-2022). Principal Investigator: Professor Sandra Paterlini. Department of Economics and Management, University of Trento
- Savings Banks of Modena Foundation. The asset management of banking origin foundations (2010-2018). Principal Investigator: Professor Francesco Pattarin. Marco Biagi Department of Economics, University of Modena and Reggio Emilia

## Partecipation in Conferences

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### **Université Libre de Bruxelles**

*31st International Colloquium of Gerpisa*

**Belgium**

June 27 - 30, 2023

### **Marco Biagi Department of Economics, University of Modena and Reggio Emilia**

**Italy**

*"Industry 4.0 Ten Years Later: Digital Transformations in Manufacturing and Work" Conference*

May 17 - 19, 2023

### **Angevin-Aragonese Castle of Gaeta**

**Italy**

*XVI International Workshop on Artificial Life and Evolutionary Computation*

September 14 - 16, 2022

### **Marco Biagi Foundation, University of Modena and Reggio Emilia**

**Italy**

*"A multi-criteria approach to social indicators" Digital Workshop*

May 18, 2022

### **Marco Biagi Department of Economics, University of Modena and Reggio Emilia**

**Italy**

*"The car industry and China in the era of electric car and sustainable mobility" Conference*

July 2, 2021

## Work Experience

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**Deutsche Bank Financial Advisors**

*Internship*

Address: Via Vittime 11 Settembre 2001 25R, 41049 Sassuolo (Modena)

**Italy**

*May 2018 – July 2018*

## IT Skills

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<b>Office suite</b>	Word, Excel, Power Point
<b>Other text editors</b>	LaTeX
<b>Database</b>	Bloomberg Terminal, Thomson Reuters Eikon, Aida
<b>Econometric software</b>	R, Stata, Python, Matlab
<b>Network analysis software</b>	Cytoscape
<b>Certificates</b>	“Artificial Intelligence and Machine Learning” Course, IFOA - Training Institute of Corporate Professionals (2022 edition)  “Data Analysis and Visualization Tools” Course, Aldini Valeriani Foundation (2021 edition)  “Internet of Things and Predictive Analysis” Course, Aldini Valeriani Foundation (2021 edition)

## Publications

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1. Flori, E., Caruso, G., Pattarin, F., and Solinas, G. (2024). The Evolution of Global Value Chains in the Automotive Industry. (Selected Paper for the Special Issue “Industry 4-0: digital transformations in manufacturing and work” of the International Journal of Automotive Technology and Management), *forthcoming*.
2. Doś, A., Błach, J., Lipowicz, M., Pattarin, F., and Flori, E. (2023). Institutional drivers of voluntary carbon reduction targets setting. Evidence from Poland and Hungary. *Sustainability*, 15(14), 111555.
3. Flori, E., Zhu, Y., Paterlini, S., Pattarin, F., and Villani, M. (2023). Spread of Perturbations in Supply Chain Networks: The Effect of the Bow-Tie Organization on the Resilience of the Global Automotive System. In *Artificial Life and Evolutionary Computation: 16th Italian Workshop, WIVACE 2022*, Gaeta, Italy, September 14–16, 2022, Revised Selected Papers (pp. 40-57). Cham: Springer Nature Switzerland.
4. Pattarin, F., Flori, E., Zhu, Y., Paterlini, S. and Villani, M. (2022). Evaluation of the pandemic impact on global automotive supply chain through network analysis. Available at SSRN: <http://ssrn.com/abstract=4134683>.
5. Zhu, Y., Flori, E., Pattarin, F. and Paterlini, S. (2022). The worldwide impact of COVID-19 on supply chains. Available at SSRN: [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=4115032](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4115032).

## Research Interests

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Network analysis, Agent simulation models, Global value chains, Economic and financial impacts of the pandemic, Quantitative methods for finance

## Awards and Achievements

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- PhD Scholarship, Doctoral Research Programme in Labour, Development and Innovation conferred by Marco Biagi Foundation, University of Modena and Reggio Emilia
- Special Mention for the master thesis conferred by Paolo Leon Award Committee, Piero Sraffa Research and Documentation Centre (2022 edition)
- Master Degree Award as the best thesis on Social, psychological and economic impact of the Covid-19 pandemic conferred by the Single Guarantee Committee for equal opportunities, enhancement of the well-being of those who work and against discrimination, University of Modena and Reggio Emilia (2021 edition)

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Modena  
September 4, 2023

